



DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9187	REV. A SHEET 1 OF 1
DATE 00.10.05		TITLE COMPOSITE DAMAGE LIMITS	SCALE NTS
A	00.10.05	NEW ISSUE	

DART SERVICE INSTRUCTION

TO AMEND MMS-D407-627 REV. A OR REV. B
REF. CANADIAN STC: SH98-57

AND

TO AMEND MMS-D350-602 REV. A OR REV. B
REF. CANADIAN STC: SH93-97
REF. US FAA STC: SR01144NY

ADD THE FOLLOWING INSPECTION TO THE APPLICABLE MAINTENANCE MANUAL SUPPLEMENTS:

300 HOUR INSPECTION

To be performed every 300 hours or if damage found on Daily Inspection.

Inspect the composite base and lid of the **Heli-Utility-Pod™** for mechanical damage (cracks, holes, voids, dents, delamination) in accordance with Table 1 and repair in accordance with the Dart Composite Repair Manual QSI 037. Replace parts damaged beyond limits in accordance with MMS-D407-627 / MMS-D350-602.

Table 1. – Composite Damage Limits

Damage	Limit	Repair Scheme
Holes in Composite Skin	4" x 4" area	QSI 037 Section 9.1
Holes in Foam Core	2" x 2" area	QSI 037 Section 9.2
Dents in Foam Core	2" x 2" area	QSI 037 Section 9.3
Edge Damage	2" x 2" area	QSI 037 Section 9.4
Delamination	2" x 2" area	QSI 037 Section 9.5
Edge Crack	1" long crack	QSI 037 Section 9.6
Skin Crack	2" long crack	QSI 037 Section 9.7
Void	2" x 2" area	QSI 037 Section 9.8

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